

ABSTRACT

The invention is a consumable guide tube comprising a thin first elongated strip, a second elongated strip and a plurality of insulators. The thin first elongated strip has a front face and a back face and the front face has at least one longitudinal channel. The second elongated strip has a front face and a back face and the front face of the second elongated strip is configured to be coupled to the front face of the thin first elongated strip. The plurality of insulator modules are deposited on the back face of the thin first elongated strip and on the back face of the second elongated strip. Preferably, the thin first elongated strip is a low carbon cold rolled steel strip, and the second elongated strip is a low carbon hot rolled steel strip. The guide tube can also be configured to comprise two or more longitudinal channels.